Right for today, ready for tomorrow

IBM Personal System/2 Monochrome Display 8507

A big screen display to handle the power of your Personal System/2

With the IBM Personal System/2® Monochrome Display 8507 and your Personal System/2 computer, you can take advantage of advanced text, graphics and imaging programs in a big way. In fact, this display's high-resolution, 19-inch[1] screen gives you more than a full page of working area for sophisticated applications of every kind.

Spread out your work. An impressive 10.5 x 14 inches of viewing area means you have plenty of room to see what you're working on with the 8507 display. When preparing a document with your desktop publishing program, you can easily view several parts of the document at once, zoom in on a detail, or pull back for a wider perspective. You can do complex jobs like cutting and pasting graphics into text or touching up images efficiently.

If you're preparing a spreadsheet, you'll have the space to keep large amounts of information in sight. The 8507 display's big screen can accommodate up to 146 columns by 51 rows of data at one time.

Desktop publishing and financial applications aren't all that's enhanced with the 8507 display. It also provides the right amount of viewing area when you want to use software with windowing capability. Whether you're running a program with Microsoft® Windows or the OS/2™ Presentation Manager, you'll be able to view up to four separate, non-overlapping windows on-screen.

Get high resolution and precision graphics. Thanks to its dot size, picture stability and resolution, the 8507 display provides clear, sharp images every time. Whether you have text, graphics or both on-screen, this display can show you every detail. That's why it's ideal for science and engineering applications that demand precision graphics and design.

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In addition to high resolution, the 8507 display offers a variety of operating modes—giving you complete flexibility to use a wide range of existing software. It converts your color software programs into gray shades and supports popular text and graphics modes. So you can highlight charts and emphasize graphs for easy readability.

Work with comfort and ease. The 8507 display can help make a difference in the way you feel and work. Its paper-white phosphor screen makes text and images appear crisp, natural and easy to read. Its high screen refresh rates reduce "flicker" to give you a consistently stable picture. And its etched glass screen surface helps reduce glare to minimize eyestrain and fatigue.

There's more. The power, brightness and contrast controls on this display are located up front—so you can "tune" the screen image conveniently. You can also select white characters on a black background or black characters on a white background to get the look of a printed page. Finally, the display itself is set on a tilt-and-swivel pedestal. So it's simple to adjust the viewing angle to meet your needs.

Highlights

Here are some of the features that distinguish the IBM Personal System/2 8507 Monochrome Display.

19-inch[1] monitor offers 10.5 x 14 inches of total viewing area—and makes this display ideal for applications that demand high screen content.

PS/2 and PC compatibility enables you to attach the 8507 display to IBM PS/2s,® as well as to PCs equipped with analog display adapters.

Paper-white phosphor screen provides crisp white-on-black or black-on-white text and graphics for enhanced readability.

IBM Personal System/2 8507 Monochrome Display at a glance

Description	A 19-inch[1] analog monochrome display offering a large, high-resolution viewing area and paper-white phosphor screen for excellent text, image and graphics clarity
Screen	19" (diagonal measurement); etched to reduce glare
Color	White and intensified white characters against a black background or black characters against a white background
Addressability	720 x 350 pels (text mode) 720 x 400 pels (text mode) 640 x 480 pels (graphics mode) 1,024 x 768[2] pels (graphics mode)
Resolution	73 pels per inch[2]
Operating environment	60°F to 90°F (15.6°C to 32.2°C); 8% to 80% relative humidity; 73°F (22.8°C) maximum wet bulb
Power requirements	120 or 220 VAC voltage; 50 or 60 Hz; 1-phase; 3-wire; 85 watts; standard 6-ft. (1.8m) power cord with nonlocking plug
Size	17.75"H x 18.75"W x 17"D (451mm x 476mm x 432mm) with stand; 51.7 lbs. (23.5 kg)
Supported systems	All IBM Personal System/2 models, except the Model 25; the following IBM Personal Computers through the use of an optional adapter: IBM Personal Computer AT,® IBM Personal Computer XT,™ IBM Personal Computer XT 286, and IBM Personal Computer

Analog technology lets you choose from up to 64 shades of gray to highlight, detail and accentuate complex graphics and images.

Tilt-and-swivel base allows you to easily adjust the display to the most comfortable viewing angle.

Front-panel controls put the on/off switch within easy reach and make adjusting brightness and contrast convenient.

Etched glass screen reduces unnecessary glare—minimizing eyestrain and fatigue.

What you get

The IBM Personal System/2 8507 Monochrome Display comes in one carton that also contains:

- 1.8-meter (6-foot) line cord
- Installation, operation and testing instructions

Additional publications on the 8507 display that can be ordered separately from your IBM representative include:

- Technical reference manual
- Hardware maintenance reference supplement
- Hardware maintenance service supplement

Options

The 8507 display is supported by two optional adapter cards:

- IBM Personal System/2 Display Adapter—for up to 16 shades of gray and 640 x 480 pels resolution
- IBM 8514/A with Memory Expansion Kit—for up to 64 shades of gray and 1,024 x 768 pels resolution

Warranty/Service

Every IBM product is built to meet high standards of quality and reliability. So you can count on the IBM Personal System/2 Monochrome Display 8507 to perform smoothly year after year.

The 8507 display is backed by a one-year limited warranty. And extended service terms are available from IBM.

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[1] Diagonal measurement.

[2] Requires 8514/A Adapter.

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